

**VEITH**  
EXPOSITION  
Cooperating with the Vascular Community

Tuesday - Saturday, November 19-23, 2014



VEITH  
Virtual Education in Vascular Treatment

10.30-10.35 The VORTEC Technique For Aortofemoral Bypass: What Is It And How To Do It: Why Is It Especially Valuable For Heavily Calcified And Scarred Aortas  
 Mario L. Lachat, MD


Symposium Chairman  
 Frank J. Veith, MD

Executive Co-Chairman  
 Enrico Ascher, MD

Symposium Co-Chairmen  
 Kenneth Daniel, MD, MBA  
 Sean P. Lyden, MD

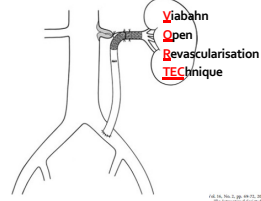
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**No conflict of interest**

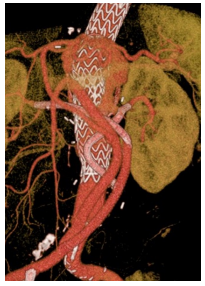


### A New Sutureless Telescoping Anastomotic Technique for Major Aortic Branch Revascularization With Minimal Dissection and Ischemia (Ann Surg 2010;252:1-6)

Zoran Rancic, MD\*, Dieter Mayer, MD\*, Thomas Pfammatter, MD†, Thomas Frauenfelder, MD†, Volkmar Falk, MD\*, Hideki Ueda, MD\*, Mario Lachat, MD\*, and Frank J. Veith, MD\*‡



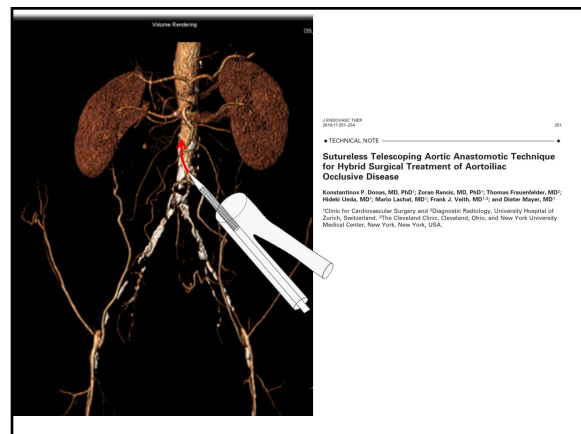
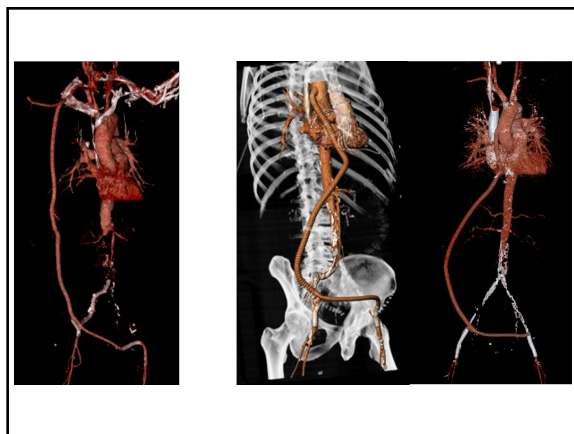
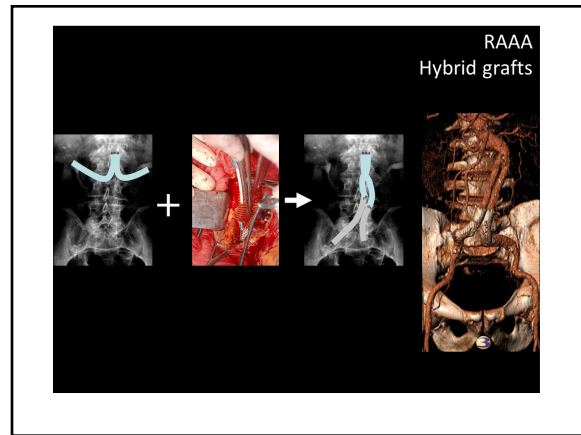
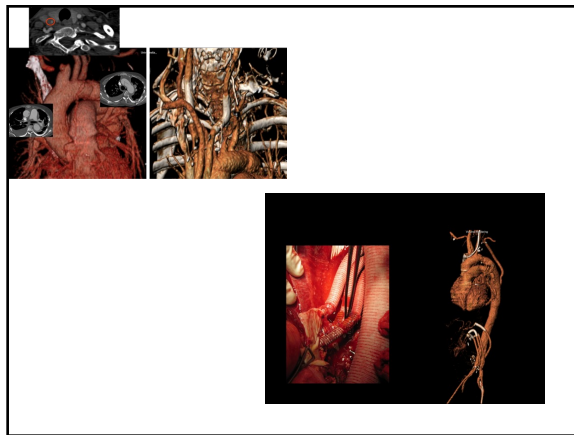
**V**ia  
**O**pen  
**R**evascularisation  
**T**Echnique

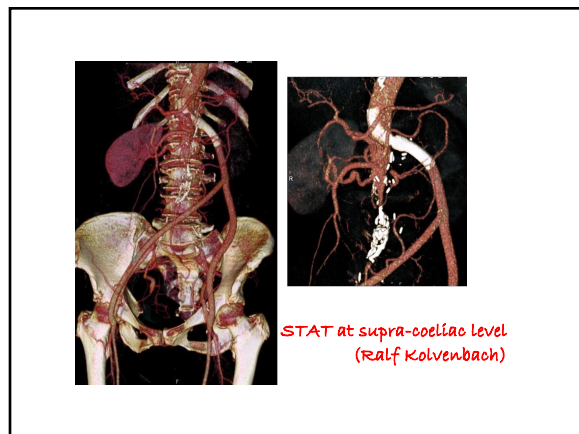
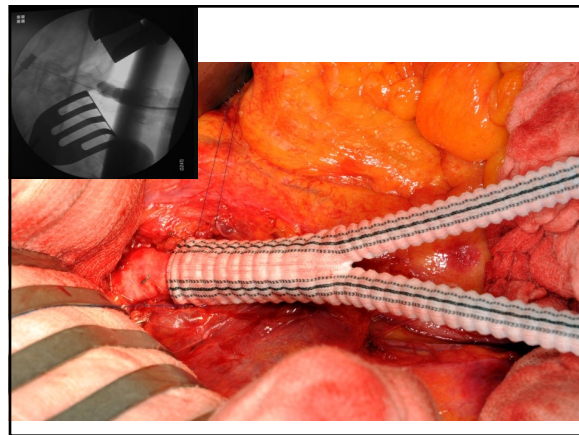
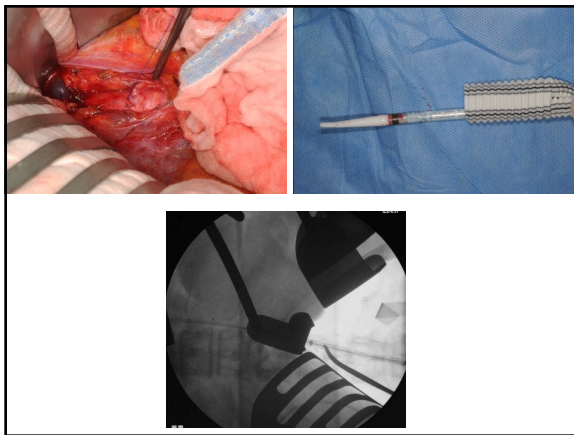
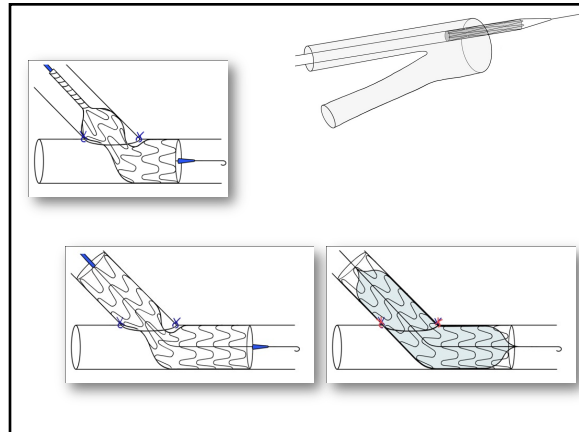
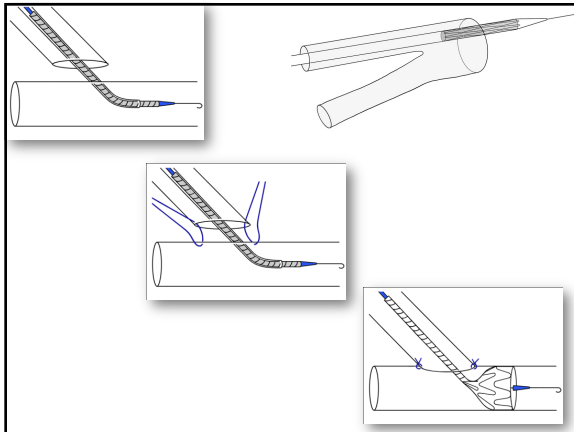


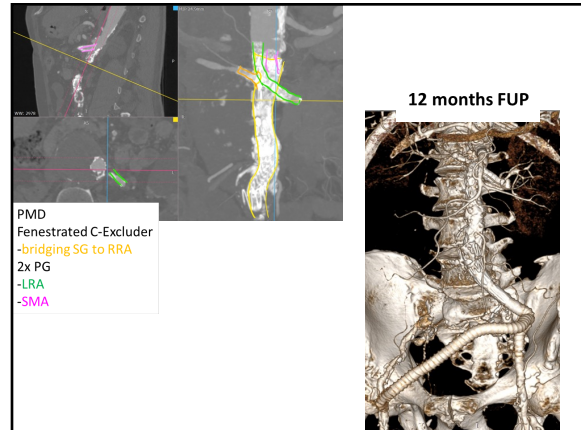
2007  
 ORIGINAL ARTICLE

New Technique to Facilitate Renal Revascularization with Use of Telescoping Self-Expanding Stent Grafts: VORTEC

Mario Lachat\*, Dieter Mayer\*, Frank J. Veith†, Thomas Pfammatter†, Zoran Rancic\*, Michèle Gasser\*, and Frank J. Veith\*







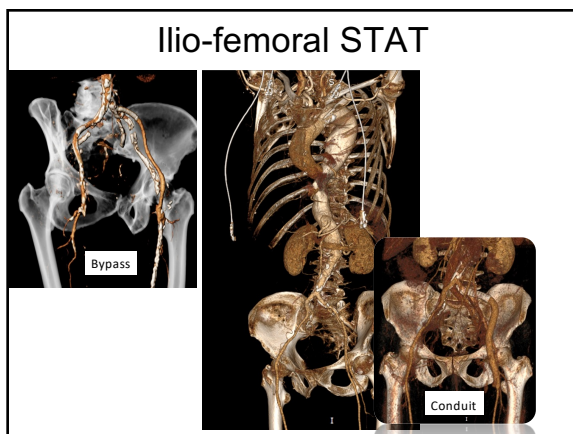
### Patients and Material

2004 – 2010

- 7 patients with occlusive disease
  - 63 years ± 6 years
  - Aorto-iliac (3) or aorto-femoral (4) OD
- Stent graft used for aortic connection
  - Excluder (1)
  - Jotec (5)
  - Reversed, reloaded Zenith iliac limb (1)

### Outcomes

- Immediate technical success rate
  - 100%
  - No anastomotic bleeding
- 30-days outcome
  - No mortality
  - Reperfusion injury (1)
- Follow-up
  - 9 years ± 3 years (min: 3 years, max: 12 years)
  - No aortic stent graft migration or failure
  - 2 distal PTAs and one redo
  - 4 patient died (unrelated to procedure)



### Clampless Sutureless Telescoping Anastomosis Technique

- STAT facilitates vascular connections on the aorta and/or it's branches
  - Less Vessel Dissection
  - Avoids Arterial Clamping
  - Reduces Ischemia Time (<1 min)
  - Less Anastomotic Bleeding (0/300 VORTEC)
- It can be used for open or hybrid aortic/vascular repair

Preliminary Results from a Prospective Study of Laparoscopic Aortoiliac Bypass Using a Clampless and Sutureless Aortic Anastomotic Technique

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- Long-term results, including AI/AF OD patients, are favorable

## TY for Your Attention



Aortic and Vascular Centre Hirslanzen Zürich

